

MARINE RECREATIONAL INFORMATION PROGRAM

FY Project Plan

Electronic Data Collection for Angler Intercept Surveys: Expand and Extend

Created on

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1. Overview

1.1. Background

In FY12/13, a MRIP project, “Electronic Data Collection: A Pilot Study” was approved for funding and subsequently launched. An electronic data collection has been developed for one fishing mode in one of the West coast states. Field testing is currently underway in the primary private boat sites in California. Immediate feedback from samplers testing the application required that some minor modifications be made in order to make the application easier for the samplers to navigate in the field. Early feedback from samplers and fishery management has been positive, indicative of a strong belief that an electronic data collection device will be a viable means for collecting angler intercept survey data.

1.2. Project Description

This project is focused on making additional enhancements to the pilot project application, and also to create new spin-off versions of the application to be used in other fishing modes and by other states. Getting the application into the hands of the samplers who will use it on a daily basis has generated a number of great ideas for features that can be added to fully utilize the latest technology and enhance the user interface of the application. This past year, the state of Washington indicated an interest in testing electronic data collection techniques in their Ocean Sampling Project port surveys. We were fortunate to be able to create one based on the California app using existing funding for the pilot project. We hope to continue to utilize the services of our technology vendor, Vitasys to further expand and extend the use of the application.

1.3. Objectives

1. Make modifications to the existing application to better meet the needs of the samplers. This will include minor changes in selection lists, logic changes and adding validation indicators.
2. Spin off the existing application to make versions that are suitable for the other fishing modes in California: Beach/Bank, Man-made, Secondary private launch sites, and on-board Commercial Passenger Fishing Vessel (CPFV).
3. Adapt the existing application to be used by other states/programs. There is additional interest for use in Puget Sound and possibly in Oregon.

1.4. References

Electronic Data Collection for Angler Intercept Surveys: A Pilot Project

2. Methodology

2.1. Methodology

Each enhanced/additional version will go through a Assess/Design/Implement sequence:

Assess: Obtain and review documentation provided by stakeholders to gain an understanding of commonalities and differences with existing application versions. Meet with state's survey leads to confirm understanding of data elements and current survey process.

Design: Detail specifications of design changes and modifications necessary to build a new version of the application to meet the state's needs. Confirm completeness of the specifications with states' leads. Submit the completed specifications to our technology resource for a cost and timing estimate.

Implement: Upon acceptance of the proposed cost and timing, our technology resource will program the specifications using the existing framework of previous versions. The same process will be followed for testing the application as was used in the pilot project.

2.2. Regions

2.3. Geographic Coverage

California, Washington, possibly Oregon

2.4. Temporal Coverage

2.5. Frequency

2.6. Unit of Analysis

2.7. Collection Mode

3. Communications Plan

3.1. Internal

Communication with programming vendor will be through regular email as required. Monthly MRIP project updates in MDMS.

3.2. External

State program managers will be informed of project progress on an as needed basis. In most cases, this will be 2-3 times a month.

4. Assumptions and Constraints

4.1. New Data

No

4.2. Track Costs

Yes

4.3. Funding Vehicle

RecFIN grant

4.4. Data Resources

Data resources from the pilot project will be leveraged for these modified survey versions.

4.5. Other Resources

4.6. Regulations

4.7. Other

5. Risk

5.1. Project Risk

Table 1: Project Risk

| Risk Description | Risk Impact | Risk Probability | Risk Mitigation Approach |
|------------------|-------------|------------------|--------------------------|
|------------------|-------------|------------------|--------------------------|

6. Final Deliverables

6.1. Additional Reports

6.2. New Data Sets

6.3. New Systems

7. Project Leadership

7.1. Project Leader and Members

Table 2: Project Members

| Project Role | Name | Organization | Title |
|--------------|------|--------------|-------|
|--------------|------|--------------|-------|

8. Project Estimates

8.1. Project Schedule

Table 3: Project Schedule - Major Tasks and Milestones

| # | Schedule Description | Planned Start | Planned Finish | Prerequisites | Milestones |
|---|----------------------|---------------|----------------|---------------|------------|
|---|----------------------|---------------|----------------|---------------|------------|

8.2. Cost Estimates

Table 4: Cost EstimatesYes

| Project Need | Cost Description | Date Needed | Estimated Cost |
|--------------|------------------|-------------|----------------|
| TOTAL | | | \$0.00 |